

Nymax™ GMF 600 A 40 Natural

Polyamide 6

PolyOne Corporation

Message:

Nymax® The mineral reinforced nylon 6 composite material of 600 series products has ideal physical properties, durability, and surface appearance has also been improved. These materials are easy to process in standard thermoplastic processing equipment.

General Information			
UL YellowCard	E76261-101454996		
Filler / Reinforcement	Mineral filler		
	Filler, 40% filler by weight		
Features	General		
Uses	Industrial application		
	Architectural application field		
	Application in Automobile Field		
	General		
	Consumer goods application field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 - 0.90	%	ASTM D955
Water Absorption (24 hr, 3.18 mm)	0.90	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	89.6	MPa	ASTM D638
Fracture	117	MPa	ASTM D638
Tensile Elongation ² (Yield)	14	%	ASTM D638
Flexural Modulus	6550	MPa	ASTM D790
Flexural Strength	141	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	59	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.18mm	200	°C	ASTM D648
1.8 MPa, unannealed, 3.18mm	100	°C	ASTM D648
Melting Temperature	216	°C	ASTM D789

Additional Information

模制试验条:模制时干燥

NOTE

- | | |
|----|--------------------|
| 1. | Type 1, 5.1 mm/min |
| 2. | Type 1, 5.1 mm/min |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

